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BEFORE THE ARIZONA CORPORATION COMMISSION

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JEFF HATCH-MILLER KRISTIN K. MAYES

5 **GARY PIERCE**

7 IN THE MATTER OF THE APPLICATION OF CHAPARRAL CITY WATER COMPANY FOR A

8 DETERMINATION OF THE CURRENT FAIR VALUE OF ITS UTILITY PLANT AND

PROPERTY AND FOR INCREASES IN ITS RATES AND CHARGES FOR UTILITY SERVICE BASED THEREON. 10

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STAFF'S REPLY BRIEF

The Staff of the Arizona Corporation Commission hereby responds to the Closing Brief of Chaparral City Water Company ("Chaparral City" or "Company), which was filed on March 5, 2008. Staff recommends that the Commission 1) adopt a fair value rate of return ("FVROR") for the Company that falls between 6.34-6.54 percent and 2) deny the Company's request to recover additional rate case expense. Nothing presented by the Company's Closing Brief warrants a change in Staff's positions.

STAFF'S EVALUATION OF THE PROPER TREATMENT FOR THE FAIR VALUE INCREMENT FALLS WITHIN THE SCOPE OF THE COURT OF APPEALS' MANDATE.

The Company begins its brief by arguing that Staff is somehow foreclosed from offering an alternative to the "backing-in" method that the Commission previously employed to adjust the WACC. Chaparral Br. at 2. The Company claims that the Commission "may not reopen or reconsider issues that were not raised on appeal." Chaparral Br. at 1. The Company then claims that Staff is attempting to relitigate the capital structure issues by substituting a new, hypothetical capital structure for the one that was approved by the Commission in Decision No. 68176. Chaparral Br. at 2. This is not a fair characterization of Staff's approach.

As explained in Staff's opening brief, Staff's two alternatives provide a means to adjust the WACC for application to a FVRB; they do not attempt to redo the capital structure underlying the WACC. Staff's Op. Br. at 3-4. The concept of a downward adjustment to the WACC for application to a FVRB is consistent with financial theory.

It is clear that the cost of capital will differ from the fair rate of return if the definition of rate base is not consistent with the definition of total capital used in calculating the cost of capital. The fair rate of return will vary, depending upon the method used in calculating the rate base. If an original cost rate base is used, the fair rate of return will equal the weighted average cost of the utility's cost of debt, preferred stock, and equity, with each of these cost rates being calculated on the basis of original cost. Conversely, in order for the utility to be given an opportunity to earn the same dollar cost of capital from a fair value rate base, the appropriate fair return will differ from that which would be applied to an original cost rate base.

Ex. S-R2 at 32. In Decision No. 68176, the Commission accomplished this downward adjustment by applying the so-called "backing-in" method. Although the Court of Appeals subsequently determined that the "backing-in" method is not consistent with the Arizona Constitution, the Court did not prescribe the method by which the Commission must determine the FVROR, did not criticize the Commission's conclusion that the Company's method would lead to an excessive rate of return, and did not set aside the Commission's determination that it is necessary to adjust the WACC in order to determine an appropriate rate of return. See Ex. A-R13, Chaparral City Water Co. v. Arizona Corp. Comm'n, 1 CA-CC 05-0002 at 13-14, ¶ 17 (Ariz.App. 2007) (Unpublished).

The present inquiry before the Commission is *how* to accomplish the downward adjustment to the WACC—not *whether* to do so. Staff witness Parcell recommended modifying the WACC, through the capital structure, to recognize the "fair value increment," i.e., the difference between the FVRB and OCRB. By identifying this "fair value increment," Staff was able to suggest a "fair value capital structure" by which to then determine the FVROR. Ex. S-R5, Parcell Direct at 4-5.

The Company's argument on this issue is somewhat surprising, as it appears to be inconsistent with other portions of its brief. Specifically, the Company appears to acknowledge that the issue presented herein is how to treat the Fair Value Increment. *See* Chaparral Br. at 15. The Company suggests that the Commission should treat the Fair Value Increment as if it is supported either entirely by equity or by the Company's overall capital structure. Chaparral Br. at 13-17. It is highly inconsistent for the Company to suggest specific ratemaking treatment for the Fair Value Increment,

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but to simultaneously claim that other parties are foreclosed from doing so. In addition, the Company is also using this proceeding to seek additional rate case expense, an issue that was never mentioned before the Court of Appeals.

Finally, the Company's effort to foreclose the Commission from considering the analyses offered by other parties overlooks both the breadth of the court's mandate and the plenary ratemaking authority of the Commission. The court's mandate provides that the Commission shall conduct such proceedings "as shall be required to comply with the decision of this court" Mandate, Chaparral City Water Co. v. Arizona Corp. Comm'n, No. 1 CA-CC 05-0002 (May 29, 2007). The purpose of this proceeding is to establish just and reasonable rates, and the Commission has exclusive and plenary authority over ratemaking. See, e.g., Ariz. Const. art. XV, § 3; Arizona Corp. Comm'n v. State ex rel. Woods, 171 Ariz. 295, 297, 830 P.2d 807, 816-18 (1992). These sources, in combination, would appear to permit the Commission to consider the entirety of the evidence before it and to use this evidence to fashion an appropriate disposition of this case.

II. STAFF'S PROPOSED ALTERNATIVES FOR THE FVROR ARE SUPPORTED BY BOTH THE FACTS AND THE LAW, AND THE COMMISSION SHOULD THEREFORE ADOPT A FVROR THAT IS CONSISTENT WITH STAFF'S RECOMMENDATIONS.

At the outset, it may be helpful to summarize the various points on which Staff and the Company appear to be in agreement. First, both parties appear to agree that the Commission is required to find the fair value of the Company's plant devoted to public service and to use that value as a rate base for purposes of setting the Company's rates. Simms v. Round Valley Light and Power Co, 80 Ariz. 145, 151, 294 P.2d 378, 382 (1956). Second, in this case, the parties are not disputing—at least as between Staff and the Company—the numerical fair value of the Company's plant. Smith Direct at 12. Finally, the Company appears to recognize that the Commission, in this proceeding, must determine the ratemaking treatment of the "fair value increment" for purposes of determining

the Company's FVROR. ¹ Chaparral Br. at 13-17. It is at this point, however, that the parties' views begin to substantially diverge.

A. The Commission, Pursuant To Its Constitutional Ratemaking Authority, Has Exclusive And Plenary Power To Determine The Ratemaking Treatment Of The Fair Value Increment.

The Company appears to argue that the Commission is required as a matter of law to treat the fair value increment as if it were supported either entirely by equity or by the Company's overall mixture of capital.² Chaparral Br. at 12-18. In support of its argument, the Company relies upon a North Carolina case, *State ex rel. Utilities. Comm'n v. Duke Power Co.*, 206 S.E.2d 269 (1974), in which the court determined that North Carolina's ratemaking statutes required their commission to treat the Fair Value Increment as equity. The Company then concludes that this same result is appropriate for Arizona, arguing that

North Carolina's statute governing rate-making required that "the Commission shall fix rates which will enable a well managed utility to earn a 'fair rate of return' on the 'fair value' of its properties 'used and useful' in rendering its service." Thus, North Carolina law was analogous to Arizona law.

Chaparral Br. at 15 (citations omitted). Because of the Commission's status as a constitutionally created entity, it is far from clear that Arizona law is analogous to that of North Carolina.

It is instructive to review the text of the *Duke Power* case:

[t]he legislative mandate is that the Commission shall fix rates which will enable a well managed utility to earn a 'fair rate of return' on the 'fair value' of its properties 'used and useful' in rendering its service.

Duke Power, 206 S.E.2d at 276. This summary of the "legislative mandate" follows roughly five paragraphs in which the court reproduces the relevant—and lengthy—North Carolina statutes that govern ratemaking. *Id.* The Duke Power opinion is clearly routed in statutory construction. This is in stark contrast to Arizona law, which places ratemaking authority exclusively with the Commission.

¹ The "fair value increment" can be defined as that part of the capital structure that represents the difference between the fair value rate base ("FVRB") and the original cost rate base ("OCRB"). See Ex. S-R5, Parcell Direct at 5: 8-17.

² The Company states that its proposed FVROR of 7.6 percent is consistent with the second of these two alternatives. Chaparral Br. at 17.

In North Carolina, as in most other states, the state's police power regarding ratemaking resides with the legislature. The North Carolina court in *Duke Power* and in previous cases dealt with the interpretation of a state statute and accordingly concluded that the statute required its Commission to treat the Fair Value Increment as equity. *See* 206 S.E.2d at 396; *Utilities Comm'n v. Tel. Co.*, 189 S.E.2d 705, 720 (1972). By contrast, Arizona's Constitution places the state's ratemaking authority exclusively with the Commission. *Arizona Corp. Comm'n v. State ex rel. Woods*, 171 Ariz. 286, 297, 830 P.2d 807, 818 (1992). While other states determine a variety of substantive ratemaking questions—such as how to treat the fair value increment—by statute, in Arizona, it is the Commission, pursuant to its exclusive constitutional authority, that determines such questions. In sum, the treatment of the "fair value increment" is a "necessary step in ratemaking" and therefore falls within the Commission's exclusive jurisdiction. *See Woods*, 171 Ariz. at 294, 830 P.2d 807, 815.

The Company also argues that Article XV, Section 14 of the Arizona Constitution (the fair value provision) requires the Commission to treat the Fair Value Increment as if it were supported either by equity or by the overall capital structure. This is an innovative argument, considering that Section 14 does not mention the term "Fair Value Increment" and does not set forth any method for determining the fair value rate of return. To state the obvious, Section 14 concerns the determination of "rate base," as numerous Arizona cases hold. Simms at 15, 294 P.2d 378, 380; Scates v. Arizona Corp. Comm'n, 118 Ariz. 531, 578 P.2d 612 (App. 1978); Arizona Corp. Comm'n v. Arizona Public Service, 113 Ariz. 368, 555 P.2d 326 (1976); Ethington v. Wright, 66 Ariz. 382, 189 P.2d 209 (1948); US West Comm. Inc. v. Arizona Corp. Comm'n, 201 Ariz. 242, 34 P.3d 351 (2001); Litchfield Park Service, Co. v. Arizona Corp. Comm'n, 178 Ariz. 431, 874 P.2d 988 (App. 1994). The text of Section 14, in its entirety, is quite limited:

The Corporation Commission shall, to aid it in the proper discharge of its duties, ascertain the fair value of the property within the State of every public service corporation doing business therein; and every public service corporation doing business within the State shall furnish to the Commission all evidence in its possession, and all assistance in its power, requested by the Commission in aid of the determination of the value of the property within the State of such public service corporation.

Ariz. Const. art. XV, § 14. The specific terms of this provision do not—and should not be interpreted to—control the Commission's determination of an appropriate FVROR. To attempt to extend it to dictate how the Commission determines the FVROR—and specifically how the Commission must treat the Fair Value Increment—simply goes too far.

In summary, then, the Commission should reject the Company's attempt to limit the Commission's alternatives for determining the appropriate ratemaking treatment for the fair value increment. By these arguments, the Company attempts to imply that the Commission is required, as a matter of law, to adopt the WACC of 7.6 percent as the FVROR, despite the Commission's previous conclusion in Decision No. 68176 that this result would lead to excessive rates.

C. <u>It Is Doubtful In The Extreme That Arizona's Cnstitutional Framers Intended To Require, As A Matter Or Law, That The Commission Adopt Rates That Will Produce An Excessive Rate Of Return.</u>

1. The likely result of adopting the Company's proposed methodology will be higher rates.

In Decision No. 68176, the Commission determined that the Company's proposed methodology will produce excessive rates:

The rate of return methodology and resulting revenue increase proposed by Chaparral City would produce an excessive return on FVRB.

Decision No. 68176 at 27-28 (emphasis added). If one were to use the WACC as the FVROR applicable to a FVRB, as the Company proposes, it is beyond question that higher rates will always result in circumstances in which the Company's FVRB is greater than its OCRB. This principle was clearly established at the hearing by witnesses from all three parties. For example, Company witness Zepp acknowledged that this is the arithmetic result.

Q. Would you agree that if the company's request were approved in this proceeding the company will have higher revenues and higher income than would be the case if its rates were set using either of Staff's proposals?

A. I agree.

Q. And it would follow that the company's shareholders would earn a higher rate of return under the company's proposal than under either of the Staff proposals, do you agree with that?

A. I agree that if we have a higher rate of return, multiplied by the same rate base, you are going to get higher operating income. I agree.

Q. Would you agree that if the company's 7.6 proposal were used as the fair value rate of return, that the company would have higher revenues and higher income than would be the case if its rates were set under the so-called backing in method?

A. Yes.

- Q. Would you agree that in Arizona this would be the result for any utility that has a fair value rate base that is higher than its original cost rate base?
- A. I will agree with you that generally speaking if you take a number 7.6 and multiply it by a smaller rate base you get a smaller operating income than if you multiply it by a larger rate base.

Tr. at 236-38. Staff witness Parcell discussed the likely effects upon other utilities.

I think Mr. Smith said before that the differential between the book value and the fair value of APS is the basis for the \$1.6 billion. If this was applied to APS, the extra dollars, the impact on rates would be almost staggering, I would think. \$1.6 billion times any incremental, that's a lot of zeros.

Tr. at 358. And in his prefiled testimony, RUCO witness Johnson recognized this likely result. *See* Ex R-R2, Johnson Surrebuttal at 5-6. The parties therefore unanimously conclude that rates will be higher under the Company's proposed method than they would be under the "backing-in" method in situations where a utility's FVRB exceeds its OCRB.

Based upon the evidence at the hearing, the Commission can conclude that Arizona utilities generally have higher FVRBs than OCRBs. In its brief, the Company appears to claim that FVRB will generally exceed OCRB for water utilities, due to the inflationary pressures that water companies allegedly experience. Chaparral Br. at 39-40. The Company argues that there will be instances in which various utilities will have OCRBs that exceed their FVRBs, thereby resulting in lower rates under the Company's version of the fair value standard. Tr. at 244-46. Staff witness Smith, however, testified that FVRB has exceeded OCRB in the Arizona cases in which he has participated. Tr. at 322-23. As one can see from Mr. Smith's resume, he has extensive Arizona experience, especially in electric and gas cases. Ex S-R3, Smith Direct at RCS-1. Under these circumstances in which the FVRBs of Arizona utilities generally exceed their OCRBs, Arizona ratepayers can look

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forward to generally higher rates across the board if the Commission were to routinely adopt the Company's proposal for determining the FVROR.

There is no reason to conclude that higher rates would be justified or that Arizona regulation has not produced reasonable rates. Tr. at 358-359. As Staff witness Parcell stated, "it is not a situation where the whole system is not working, because the companies have survived and been around for a long time" Tr. at 359. Furthermore, a system that produces comparably higher rates would appear to conflict with the most basic tenets of rate regulation, i.e., that a utility should be provided with rates that will allow it an opportunity to earn a return that is comparable to those of similarly situated enterprises. Ex. S-R6, Parcell Surrebuttal at 7-8; Tr. at 359-60. The Company's proposal, if universally applied, would produce windfall returns to shareholders. Ex S-R5, Parcell Direct at 6-8; Ex. S-R6, Parcell Surrebuttal at 20; See also Ex. S-R3, Smith Direct at 5; Ex. S-R4, Smith Surrebuttal at 33. Such a result is clearly unfair and would not serve the public interest.

2. The Company's version of the fair value standard has never been adopted in Arizona.

The Company seems to be implying that such resulting higher rates are required as a matter of Arizona law. According to the Company,

[T]he difference between OCRB and FVRB—the FV Increment—should be recognized in determining the rate of return by adjusting the utility's equity balance to include the FV Increment and then using the adjusted equity balance to determine the cost of capital. That approach complies with the fair value standard by allowing the utility and its equity investors to benefit from increases in the value of the property devoted to public service, but also requiring the utility and its equity investors to bear the risk of obsolescence and other loss of property value, which would result in a downward adjustment to the utility's equity balance.

Chaparral Br. at 16 (emphasis added). Under this reasoning, when a utility's FVRB is greater than its OCRB, the fair value standard would require the Commission to set rates that are higher than those that might be obtained under the original cost approach.³ This result-oriented approach is unlikely to be the result that was contemplated by Arizona's constitutional framers.

³ By contrast, the Company appears to argue that, when a utility's FVRB is less than its OCRB, the fair value standard conversely requires the Commission to set rates that are lower than those that might be obtained under the original cost approach. *See* Chaparral Br. at 16.

The concept of fair value began as a federal constitutional standard, see Duke Power, 206 S.E.2d at 276, citing Smyth v. Ames, 169 U.S. 466 (1898), and it is likely that Arizona's constitutional framers, in adopting Section 14, envisioned that the Commission would thereby be empowered to set rates as low as would be consistent with federal due process requirements. See Duke Power, 206 S.E.2d at 276. This intent is not surprising when one considers the populist leanings of Arizona's constitutional framers:

The founders expected the Commission to provide both effective regulation of public service corporations and consumer protection against overreaching by those corporations. The progressive and labor forces, two strong ideological influences at the constitutional convention, combined to promote strong commission authority to regulate corporations, although the strongest power ultimately was limited to regulation of public service corporations.

These ideological groups shared a strong distrust of corporate powers. As one influential framer . . . argued, "in almost every state . . . corporations have altogether too much influence in the [state's] direction and control.

Woods at 291, 830 P.2d 807, 812 (quoting Journal of the Constitutional Convention of Arizona 435 (Cronin comp. 1925)) (emphasis added) (citations omitted). The Company's proposal, which would provide a substantial bonus to utility shareholders,⁴ is inconsistent with this history. Furthermore, Arizona law does not prescribe a method for determining the FVROR, but instead assigns that task exclusively to the Commission.

3. The Company's criticisms of Staff's first alternative appear to be aimed at the result, as opposed to the method.

Actually, both Staff and the Company use the same general outline to approach the FVROR issues: both begin with the WACC and both discuss how to treat the Fair Value Increment in terms of the applicable cost-rate. The Company suggests that the Fair Value Increment should be treated as if it is supported either entirely by equity or by the Company's overall capital structure, and arrives at a proposed FVROR of 7.6 percent.⁵ Chaparral Br. at 13-17. Staff, by contrast, bases its

⁴ See Ex. S-R5, Parcell Direct at 6.

⁵ The Company's proposed FVROR, which is 7.6 percent, is based upon the second of these two alternatives. Chaparral Br. at 17.

recommendations upon an analysis of the actual costs underlying the Fair Value Increment, and proposes two alternatives that result in a range of 6.34-6.54 percent for the FVROR. Ex. S-R5, Parcell Direct at 5-6, 9; Ex. S-R6, Parcell Surrebuttal at 12. Because Staff's analysis is based upon a consideration of the Company's actual costs, Staff believes that its results are more reasonable than those offered by the Company. *Id*.

The Company argues that Staff's first alternative produces results that are identical to the "backing-in" method and is therefore unlawful. Chaparral Br. at 33. Staff acknowledges that, in the context of this remand proceeding, the first alternative produces the same result in an algebraic sense as the "backing-in" method. See Ex. A-R14. However, this does not mean that the two methods will always produce identical results. Id. Furthermore, the fact that the results are similar (or even identical) does not mean that Staff's first alternative is deficient as a matter of law. The Court's criticism of the "backing-in" method was based upon its conclusion that the Commission was not considering the Company's FVRB, but was instead determining rates based upon OCRB and then merely engaging in a "superfluous mathematical exercise" to determine the corresponding FVROR. See Ex. A-R13, Chaparral City at 13-14, ¶ 17. As Staff witness Parcell noted,

[f]rom a financial and economic perspective, it does not matter whether the ratemaking impact of using Staff's first alternative is nearly the same, or even exactly the same, as the "backing-in" method. Chaparral City seems to conclude that these nearly identical results mean that Staff's first alternative is a superfluous mathematical exercise, as the court used that term in the *Chaparral City* case. I do not agree with this conclusion because Staff's first alternative expressly considers how to independently calculate and determine the FVROR. By contrast, my understanding, from a non-legal perspective, is that the court in the *Chaparral* City case perceived the Commission to be determining rates by using an OCRB, and then determining the FVROR as a fall-out number, i.e., without any independent analysis. This is not the case with either of Staff's proposals.

Tr. at 340-41. For the reasons stated in the direct and surrebuttal testimonies of Staff witness Parcell, Staff's first alternative is supported by established principles of economics and finance and is therefore an appropriate method for determining the Company's FVROR. *See* Ex. S-R5, Parcell Direct; Ex. S-R6, Parcell Surrebuttal. Furthermore, no Arizona case holds that the Commission

cannot consider modern principles of economics and finance, including those related to original cost,

when determining a Company's FVROR.6

Nonetheless, if the Commission were to conclude that it is required by law to set rates that are higher than would result under an original cost approach, the Commission should nonetheless reject the Company's proposed FVROR of 7.6 percent. In these circumstances, the Commission should instead adopt a FVROR that falls within the upper portion of the range (6.34-6.54 percent) identified by Staff. Although the Company's brief criticizes Staff's first alternative as being unlawful because its result is similar to that obtained under the "backing-in" approach, Staff's second alternative does not share this alleged deficiency. In fact, Staff's second alternative produces \$58,520 more than the Company was awarded in Decision No. 68176. Ex. S-R3, Smith Direct at Exec. Summary, RSC-3, Sch. A.

When considering Staff's proposed range, the following information may be helpful. The lower end of this range, 6.34 percent, is the result of Staff's first alternative, which uses a zero cost-rate for the fair value increment. Ex. S-R5, Parcell Direct at 5. The upper end of the range, 6.54 percent, uses 1.25 percent as the cost rate for the fair value increment. Finally, the FERC method would produce a FVROR of 6.39. Tr. at 162-64, 352-53. It is appropriate for the Commission to balance these various results when determining the Company's FVROR.

III. THE COMMISSION SHOULD DENY THE COMPANY'S REQUEST FOR ADDITIONAL RATE CASE EXPENSE.

Staff continues to oppose the Company's request to recover additional rate case expense for the reasons stated in its Brief, filed on March 5, 2008. Staff's Op. Br. at 12. In short, the Company is already recovering a normalized level of reasonable and prudent rate case expense through the rates established in Decision No. 68176. Ex. S-R3, Smith Direct at 20-21. Furthermore, in evaluating the Company's request for additional rate case expense, the Commission should consider A.R.S. § 12-348, which prohibited the court from awarding the Company attorneys' fees in connection with its appeal. The Commission, through the exercise of its exclusive ratemaking authority, may certainly

⁶ The Company has also introduced original cost concepts into the determination of the FVROR. The WACC is designed to measure the cost of the mixture of capital that underlies the OCRB. Chaparral Br. at 24.

allow the Company to recover such additional expense if it chooses. However, this result would appear to be unwarranted in light of A.R.S. § 12-348.

In its closing brief, the Company alleged that "[t]he only way for the Company to recover a portion of the rate case expense it has incurred since the decision was issued in September 2005 is for the recovery of additional rate case expense to be approved in this proceeding." Chaparral Br. at 45-46. This statement apparently acknowledges that the Company's pending rate case, which has a year-end 2006 test year, provides an opportunity for the Company to recover some of these expenses and to do so in the context of an audited rate case. This would be a far more appropriate context for considering these issues than the present case.

IV. CONCLUSION.

Staff recommends that the Commission adopt a FVROR that falls within the range identified by Staff, 6.34-6.54 percent. Staff also recommends that the Commission reject the Company's request to recover additional rate case expense.

RESPECTFULLY submitted this 21st day of March, 2008.

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Original and thirteen (13) copies of the foregoing were filed this 21st day of March, 2008 with:

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